

Message Text

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PAGE 01 STATE 029294

21

ORIGIN EB-07

INFO OCT-01 ARA-10 ISO-00 FCC-02 /020 R

DRAFTED BY EB/TD:DANDERSON:SP

APPROVED BY EB/TD:RTBLACK

FCC - MR. F. WILLIAMS

----- 078936

R 080038Z FEB 75

FM SECSTATE WASHDC

TO AMEMBASSY CARACAS

UNCLAS STATE 029294

E.O. 11652: N/A

TAGS: ETEL, VE

SUBJECT: REQUEST FOR INFORMATION FROM FEDERAL
COMMUNICATIONS COMMISSION

REF: CARACAS 1379

FROM FCC

1. FOLLOWING REFERS POINTS RAISED REFTEL WITH RESPECT
TO VERY HIGH FREQUENCY AND ULTRA HIGH FREQUENCY
STATIONS USING FREQUENCY MODULATION. REFERENCES BY
NUMBER (NO.) AND APPENDIX NUMBER (AP) ARE TO
INTERNATIONAL TELECOMMUNICATION UNION RADIO REGULATIONS
(REGLAMENTO DE RADIOCOMUNICACIONES), COPIES OF WHICH
MINISTRY OF COMMUNICATIONS WILL HAVE READILY AVAILABLE
IN SPANISH.

2. FM NOISE. MEANING UNCLEAR. PRESUMABLY SUBSUMES
HUM AND AUDIO DISTORTION.

3. HUM. A PARTICULAR CASE OF AUDIO NOISE. IF HUM
CAUSES UNWANTED AM OR FM TO THE EXTENT THAT EMISSION
IS GENERATED OUTSIDE THE NECESSARY BANDWIDTH (AS
DEFINED IN NO. 91), THEN PROVISIONS OF NO. 672 AND
AP 4 APPLY.

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 029294

4. AUDIO DISTORTION. AUDIO LOW-PASS FILTER IS REQUIRED. AMPLITUDE OF AUDIO FREQUENCIES (AF) BETWEEN 3 KHZ AND 15 KHZ MUST BE LESS THAN THAT OF AUDIO SIGNAL AT 1 KHZ BY RATIO, EXPRESSED IN DECIBELS, DETERMINED BY THE FORMULA $40 \log_{10} (AF/3)$. (IN WORDS: FORTY TIMES THE LOGARITHM TO THE BASE TEN OF THE QUANTITY AUDIO FREQUENCY DIVIDED BY THREE.) AUDIO FREQUENCY IN FORMULA IS EXPRESSED IN KILOHERTZ.

5. SPURIOUS EMISSION, INCLUDING SPURIOUS HARMONICS. U.S. REQUIREMENTS MEET INTERNATIONAL REQUIREMENTS SET FORTH IN NO. 92, NO. 672, AND AP 4, AND PROVISIONS OF NO. 697 ARE APPLIED DOMESTICALLY AS WELL AS INTERNATIONALLY. KISSINGER

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TELECOMMUNICATION, COMMUNICATION LINES
Control Number: n/a
Copy: SINGLE
Draft Date: 08 FEB 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE029294
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Document Unique ID: 00
Drafter: DANDERSON:SP
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750047-0155
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750259/aaaacbkn.tel
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Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN EB
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
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Reference: 75 CARACAS 1379
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Review Content Flags:
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Margaret P. Grafeld
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Review Media Identifier:
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To: CARACAS
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